

Southern Oregon University
COURSE PROPOSAL

1. Course Title: SuperQuest 2016
2. Course Department and Number: ED 500
3. What Term Do You Want to Offer Your Course: Summer 2016
4. Instructor Name: TBD
5. Credit Hours – 1 credit hour
6. Time Schedule: Tuesday, August 16-Thursdays, August 18 - 8:00 am-4:00 pm
Location: Rogue Community College Table Rock Campus
7. Class Size Limit = 40
8. General Description
9. Participants will participate in the 3-day Southern Oregon SuperQuest workshop which provides hands-on experience in using cutting-edge instructional technology tools and strategies to increase engagement and improve learning. There will be several strands which are still being chosen; participants focus on the same strand all week. Examples of previous offerings include:
 - iPads/mobile devices
 - Chromebooks
 - Gamifying the Classroom
 - Robotics
 - 3D Design and Printing
 - Coding, Web Design, and/or App Development
 - Computer Science curriculum and pedagogy

Participants focus on the same strand for 3 days, and work on a project(s) that are showcased on the 3rd day.

During the course of the 3 days, there will also be 2 lunchtime speakers and a tour of the Rogue Community College Table Rock Campus, which features a number of exciting technologies such as 3D Design and Printing, Electronics, and Allied Health Care.

10. Course Objectives
 - To promote STE(A)M teaching and learning.
 - To increase awareness of instructional technology in the classroom to improve teaching and learning.
 - To gain experience in one particular area of instructional technology, such as iPads, Chromebooks, First Lego League robotics, 3D Design and Printing, or Coding/Electronics (Arduino/Galileo).
 - To develop a plan for the incorporation of that technology into the participant's classroom.

11. Curriculum Summary

Participants will participate in all 3 days of the SuperQuest workshop, gain skills in one of 5 STEM-related content areas, participate in the Project Showcase, and write a summary of how this workshop will change teaching and learning in their brick-and-mortar classroom.

12. Evaluation Techniques

- Teachers will attend the 3-day SuperQuest workshop on August 16-18, 2016
 - Teachers will participate in the Project Showcase on the 3rd day of the workshop, sharing their new skills with the rest of the group.
 - Teachers will write a summary of their experience, sharing how this will change teaching and learning in their brick-and-mortar classroom.

13. Grading Method: A-F

1. For an A, participants will attend all three days of the SuperQuest workshop, participate in the Project Showcase, and write a 3-page (750 word) description of their experience and how it will change teaching and learning in their brick-and-mortar classroom.
2. For a B, participants will attend all three days of the SuperQuest workshop, participate in the Project Showcase, and write a 2-page (500 word) description of their experience and how it will change teaching and learning in their brick-and-mortar classroom.
3. For a C, participants will attend all three days of the SuperQuest workshop, participate in the Project Showcase, and write a 1-page (250 word) description of their experience and how it will change teaching and learning in their brick-and-mortar classroom.

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